



Forest
Service

Northeastern Area
State and Private Forestry

180 Canfield Street
Morgantown, WV 26505-3101

File Code: 3410
Date: November 7, 2016

Susanne Baird
Refuge Manager
USDI Fish and Wildlife Service
Chesapeake Marshlands National Wildlife Refuge Complex
2145 Key Wallace Drive
Cambridge, MD 21613

Dear Ms. Baird:

In April 2016, a 500 acre area at the Blackwater National Wildlife Refuge portion of the Chesapeake Marshlands National Wildlife Refuge Complex was treated for gypsy moth control with a double application of Gypchek at 4×10^{11} OB's, applied 3-5 days apart. Foliage protection in the treatment block was successful. In October 2016, USDA Forest Service personnel conducted a gypsy moth egg mass survey at BNWR to assess the potential for defoliation and the need for treatment in 2017. No new gypsy moth egg masses were detected and treatment is not recommended in 2017.

We have and will continue to work with Matt Whitbeck and Nate Carle, Wildlife Biologists, from Blackwater NWR and we have greatly appreciated their assistance.

If you have any questions, please contact Karen Felton (304-285-1556) or Rick Turcotte (304-285-1544).

Sincerely,

ROBERT LUECKEL
Field Representative

Enclosure

cc: Matt Whitbeck, CMNWRC
Jeff Horan, Forest Ecologist, Regional Office, USDI, F&WS
Bob Tatman, MDA



USFS Gypsy Moth Suppression Project Summary 2016

Blackwater NWR (Other Federal)

Proposed Acres: 1000 2 applications at higher dose rate on 500 acres

Treated Acres 1000 2 applications at higher dose rate on 500 acres

Project Objectives: 1. To prevent defoliation in excess of 30% of the normal leaf complement of trees on 80% of the treatment block.
2. To reduce egg mass levels below treatment thresholds

Contractor(s): Summit Helicopters, Inc

Aircraft: UH- 12 E3T

Formulation(s): Gypchek 1.0 gal/acre @ 4×10^{11} OB/ac

Cost/acre (including application):

Summit Helicopters, Inc plus Carrier \$34.19/acre Gypchek
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Federal Share: \$34190.54

State Share: \$0

Percent Acres Treated: Federal 100%

Percent Acres Treated Successfully: 1. 100% (based on objective 1)
2. 100% (based on objective 2)

Number of Landowners Treated: 0

Number of Communities Treated: 0

Defoliated Area: 0

Acres to be Retreated: 0